

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2004/000550

A. CLASSIFICATION OF SUBJECT MATTER

H05B 6/64

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H05B 6/64

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPODOC, PAJ, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1335636 A2 (SAMSUNG ELECTRONICS CO., LTD) 13 August 2003 (13.08.2003) <i>abstract; column 2, [0010], fig. 1.</i>	1,2,4
A	--	7,8,10,12,14, 17,19,20
A	US 6320171 B1 (SUN-KI KIM) 20 November 2001 (20.11.2001) <i>abstract; claims 1,9,17; fig. 1,2.</i>	1,2,7
A	US 5886328 A (JI-TAE YUN) 23 March 1999 (23.03.1999) <i>the whole document.</i>	1,12,17
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☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
19 April 2004 (19.04.2004)Date of mailing of the international search report
30 August 2004 (30.08.2004)Name and mailing address of the ISA/ AT
Austrian Patent Office
Dresdner Straße 87, A-1200 ViennaAuthorized officer
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 01 314816 A (MITSUBISHI ELECTRIC CORP et al.) 20 December 1989 (20.12.1989) (abstract). [online] [retrieved on: 19.04.2004] Retrieved from: PAJ Database <i>abstract.</i>	1,2,4
A	-- JP61041828 A (SHARP KK) 28 February 1986 (28.02.1986) (abstract). [online] [retrieved on 19.04.2004] Retrieved from: PAJ Database <i>Abstract</i> ----	1

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/KR 2004/000550

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
EP	A	1335636	2003-08-13	KR	A	2003066938	2003-08-14
				US	A	2003146211	2003-08-07
				CN	A	1436964	2003-08-20
JP	A	1314816A		none			
		2					
JP	A	61041828		none			
		A2					
US	A	5886328	1999-03-23	none			
US	B	6320171	2001-11-20	KR	A	2001046906	2001-06-15
				CA	A	2319278	2001-05-16
				JP	A	2001143861	2001-05-25
				CN	A	1296153	2001-05-23